



## European Society of Contraception and Reproductive Health

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### Grant application form first half year 2014 Seeking ESC support for a PROJECT

#### Introduction

The ESC will provide funding to support an individual, group, institute or organisation with a project within Europe related to the aims and scope of the ESC. Examples include: research, audit, review, needs assessment.

The money **MUST** be used for a defined project within a definite time frame.

Application	Please use this application form. Note sections with a maximum word count. Forms will be returned if the word count is exceeded.
Who can apply?	Applicants must be paid-up ESC members.
Deadline	Applications <b>MUST</b> be received at ESC Central Office by <b>30 June 2014</b> .
Budget	35,000 euro for applications (projects and courses) received between 1 January and 30 June 2014. The ESC may not be in a position to fully fund all applications.

#### Part A Name of the applicant requesting the funding

Name of applicant	(1) Gyorgy Bartfai M.D. Ph.D. D.Sc., (2) Delia Szok M.D. Ph.D.
Job title	(1) professor at the Department of ObGyn, Faculty of General Medicine, Albert Szent-Gyorgyi Clinical Centre, University of Szeged, Szeged, Hungary (2) associate professor of Department of Neurology, Szent-Gyorgyi Albert Clinical Centre, University of Szeged, Szeged, Hungary
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Date of submission of this form	30th June 2014

## Part B Proposed project

Name of the person responsible for the project (If different to the person named in box A)	Melinda Vanya M.D.
Contact details of the person noted in this box B: name of person, job title, address, tel no. email	researcher Department of Obstetrics and Gynaecology, Szent-Gyorgyi Albert Clinical Centre, University of Szeged 1 Semmelweis street, Szeged, Hungary H-6725 Phone : 00 36 62 545 523 email : <a href="mailto:vmelinda74@gmail.com">vmelinda74@gmail.com</a>

## Part C Background of the project – narrative summary

Title of the project	<b>The effect of hormonal contraception on clinical course of migraine and tension-type headache - prospective follow-up study</b>
Comprehensive description of the project. (Max 200 words)	<p>Migraine is one of the most common primary headache disorder with typical clinical features (ICHD-3beta, Cephalalgia 2013). The two major subtypes of migraine are migraine without aura (M0) and migraine with aura (MA). The 1-year prevalence of migraine in adult is between 15 % to 18 % (Steiner et al. 2003, Rasmussen et al. 1991). A definitive sexual difference is observed : 3 :1 ratio between women and men. Menstrual migraine (MM) without aura affects approximately 20% of female migraineurs in the general population (Vetvik 2014). The pathophysiology of MM is not fully understood and probably heterogeneous. Clinical observations indicate an increased incidence of MM in conditions with falling levels of plasma estrogen such as in the perimenstrual phase of the menstrual cycle during the hormone-free interval in women taking combined hormonal contraception. Menses is a well-known trigger factor for migraine-type headache.</p>

Tension-type headache is the most frequent primary headache affected cca. 70-80% of the population. The objective of the present study is to analyse prospectively with an electronical headache diary method the headache course of the women with migraine (1) and women with tension-type headache (2), before and after the initiated hormonal contraception. The planned observation period will be 9 month (three months before and six months after initiating hormonal treatment). All women will be invited to use “headache e-diary application for mobile phones. The estimated number of participants will be 160 (80 migraine and 80 tension-type headache) patients between January 1st, 2015 and May 31th, 2017 from the region of the South-Eastern Hungary.

When would it start / finish? (Max 20 words)

**Start: January 1st, 2015**

**Finish: May 31th, 2017**

Where will it take place – country / town, establishment? (Max 20 words)

Recruitment of women with migraine and tension-type headache will take place in Department of Neurology and Department of ObGyn.

Objectives and needs identified. (Max 20 words)

The aim of the study is to investigate prospectively the influence of hormonal contraception on migraine and tension-type headache female patients.

Sector in the area of contraception, sexual and reproductive health.

Hormonal contraception use and primary headaches (migraine and tension-type headache) in women.

Is it a 'new' project? Yes/No

Yes

If extension of an existing programme, provide information on original programme (Max 50 words)

n/a

What outcomes will be measured? List. (Max 20 words)

- the number of headache days
- headpain intensity and duration
- the use of acute and prophylactic pharmacological
- satisfaction of patients regarding hormonal contraception
- menstrual cycle pattern

Do you foresee any reasons (political, climatic, etc) why this project may be adversely affected? (Max 20 words)

No reasons are foreseen that the project will be adversely affected.

## Part D Financial related information

Are there other partners or organisations supporting this same project? If so, list.

No

Have you already obtained any funding towards this project? (If yes or still awaiting a response, please give details) (Max 20 words)

No

How much money are you requesting (up to a maximum of 5% can be used to cover overhead costs) ? A detailed budget must be provided. (Max 50 words)

**Nurses face-to-face interview with patients: 1000 euros**

**Statistical analysis: 1500 euros**

**Creating mobil application, equipments: 3000 euros**

**Total: 5500 euros**

Will this be part of a larger fund or stand alone? (Max 20 words)

We stand alone.

Who will oversee the budget & keep accounts?

The financial manager and study coordinator of Dept. of Obstetrics and Gynaecology will oversee the budget.

## Part E Follow-up

I / We, as responsible agents for this project, agree to the following 6 points:

I/We agree that all monies will be spent appropriately	Yes
I/We agree to advise you at the earliest time if this project is delayed or cannot be completed	Yes
I/We agree to provide a report to the Board of Directors of the ESC within 6 months of the end of the project and yearly, if the project lasts longer than 1 year.	Yes
I/We agree to present the ESC treasurer with a detailed budget at the end of the project. <i>(if the project is longer than 1 year, the funding may be awarded in stages and be dependent on appropriate reporting)</i>	Yes
I/We agree that if you need to make any significant changes to the duration, contents or funding of the project after it has been awarded, I/we will advise the ESC Treasurer.	Yes
I/We agree to acknowledge the ESC as a donor in any publications and oral communications resulting from this project. Ideally any manuscript should be sent to the ESC journal in the first instance.	Yes



Date: 30 th June 2014

Gyorgy Bartfai M.D. Ph.D. D.Sc.



Delia Szok M.D.Ph.D

**Please return this form (by email) to:**

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